

# Junhui Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

343  
citations

1040056

9  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi-Level Optimal Strategy of Islanded Multi-Microgrid Systems Based on Optimal Power Flow and Consensus Algorithm. <i>Energies</i> , 2020, 13, 1537.	3.1	11
2	A Two-stage Four-port Inverter for Hybrid Renewable Energy System Integration. , 2019, , .		3
3	Risk Assessment for the Power Grid Dispatching Process Considering the Impact of Cyber Systems. <i>Energies</i> , 2019, 12, 1084.	3.1	8
4	Dissolved Gases Forecasting Based on Wavelet Least Squares Support Vector Regression and Imperialist Competition Algorithm for Assessing Incipient Faults of Transformer Polymer Insulation. <i>Polymers</i> , 2019, 11, 85.	4.5	24
5	Distributed Drones for Power Line Inspection with Weighted Consensus Control in Dynamic Network Systems. , 2019, , .		1
6	Simulation and experimental research on methods to suppress ferroresonance in potential transformers. <i>Journal of Control and Decision</i> , 2018, 5, 195-208.	1.6	1
7	A novel model based on wavelet LS-SVM integrated improved PSO algorithm for forecasting of dissolved gas contents in power transformers. <i>Electric Power Systems Research</i> , 2018, 155, 196-205.	3.6	104
8	Modeling and Control for a Photovoltaic Inverter with Power Decoupling on the AC Side. , 2018, , .		2
9	Adaptive Virtual Impedance Droop Control Based on Consensus Control of Reactive Current. <i>Energies</i> , 2018, 11, 1801.	3.1	21
10	An anomaly identification model for wind turbine state parameters. <i>Journal of Cleaner Production</i> , 2018, 195, 1214-1227.	9.3	33
11	Chaos Firefly Algorithm With Self-Adaptation Mutation Mechanism for Solving Large-Scale Economic Dispatch With Valve-Point Effects and Multiple Fuel Options. <i>IEEE Access</i> , 2018, 6, 45907-45922.	4.2	35
12	A Transformer Fault Diagnosis Model Using an Optimal Hybrid Dissolved Gas Analysis Features Subset with Improved Social Group Optimization-Support Vector Machine Classifier. <i>Energies</i> , 2018, 11, 1922.	3.1	29
13	Novel direct power control of single-phase three-level SVPWM inverter for photovoltaic generation. , 2017, , .		5
14	Voltage stability evaluation by using extended modal analysis with dynamic internal impedance of synchronous generators. , 2016, , .		1
15	Hybrid single-carrier-based pulse width modulation scheme for single-phase three-level neutral-point-clamped grid-side converters in electric railway traction. <i>IET Power Electronics</i> , 2016, 9, 2500-2509.	2.1	22
16	Prevention of overvoltage induced by large penetration of photovoltaics in distribution networks by electric vehicles. , 2016, , .		4
17	Power Calculation for Direct Power Control of Single-Phase Three-Level Rectifiers Without Phase-Locked Loop. <i>IEEE Transactions on Industrial Electronics</i> , 2016, 63, 2871-2882.	7.9	29
18	Optimal and fair real power capping method for voltage regulation in distribution networks with high PV penetration. , 2015, , .		8

#	ARTICLE	IF	CITATIONS
19	Event system based automatic testing method for intelligent terminal communication protocol. , 2015, , .		0
20	Adaptive communication resource allocation for wide area measurement system. , 2015, , .		0